

TITLE

CHEMICALLY ACTIVE FIBER COMPOSITIONS AS DELIVERY SYSTEM  
FOR CHEMOTHERAPEUTIC AGENTS, ESPECIALLY FOR SUBSTANCES  
USEFUL IN DENTAL HYGIENE

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ABSTRACT

An imbibed fiber that can be used as a delivery system  
for chemotherapeutic agents, especially substances useful in  
dental hygiene, is disclosed. The imbibed fiber comprises a  
10 fiber of an elastomeric polymer capable of imbibing the  
chemotherapeutic agents. A preferred elastomeric fiber is  
spandex. The fiber may be in the form of a dental floss,  
dental tape, gauze pad, or the like. A therapeutically  
effective amount of the agent is imbibed in the elastomeric  
15 polymer.